CLAIMS

1. A resin composition comprising a polyamide, a polyphenylene ether, a polyester and a conductive carbon filler.

2. The resin composition according to claim 1, wherein the polyamide forms a continuous phase and the polyphenylene ether and the polyester form a discontinuous phase.

3. The resin composition according to claim 1, wherein the polyester is one or more members selected from the group consisting of poly(ethylene terephthalate)s, poly(trimethylene terephthalate)s and poly(butylene terephthalate)s.

4. The resin composition according to claim 1, wherein the amount of the polyester is 0.1 to 25 parts by mass per 100 parts by mass of the sum of the polyamide and the polyphenylene ether.

5. The resin composition according to claim 4, wherein the amount of the polyester is 1 to 15 parts by mass per 100 parts by mass of the sum of the polyamide and the polyphenylene ether.

6. The resin composition according to claim 1, wherein the amount of the conductive carbon filler is 0.1 to 3 parts by mass per 100 parts by mass of the sum of the polyamide, the polyphenylene ether and the polyester.

7. The resin composition according to claim 1, wherein the average primary-particle diameter or

average fiber diameter of the conductive carbon filler is less than 1 μm.

8. The resin composition according to claim 1, wherein the conductive carbon filler is one or more members selected from the group consisting of conductive carbon black and carbon fibril.

9. The resin composition according to claim 1, wherein at least a portion of the conductive carbon filler is present in the polyester phase and/or the interface between the polyester phase and the polyamide phase.

10. The resin composition according to claim 1, which comprises the conductive carbon filler added in the form of a master batch obtained by previously blending the conductive carbon filler with one or more members selected from the group consisting of the polyester and the polyamide.

11. The resin composition according to claim 1, wherein the polyphenylene ether is selected from the group consisting of poly(2,6-dimethyl-1,4-phenylene ether)s, copolymers of 2,6-dimethylphenol and 2,3,6-trimethylphenol, and mixtures thereof.

12. The resin composition according to claim 1, which further comprises an elastomer.

13. The resin composition according to claim 12, wherein the elastomer is a hydrogenated product of a block copolymer comprising at least one polymer block composed mainly of an aromatic vinyl compound and at

least one polymer block composed mainly of a conjugated diene compound.

14. A master batch for a resin composition comprising a polyamide and a polyphenylene ether, which comprises a conductive carbon filler and a polyester.

15. The master batch according to claim 14, which further comprises the polyamide.

16. An injection-molded article formed from the resin composition according to claim 1.